

## **CLAIMS**

**I Claim:**

- 1. A guitar baffle system, comprising:**

a guitar body having an interior cavity, said guitar body comprising a soundboard having a sound hole, at least one sidewall attached to said soundboard, a back wall attached to said sidewall opposite of said soundboard, and a neck extending from said guitar body; and

a baffle attached to said sidewall within said interior cavity substantially parallel to said soundboard, wherein said baffle separates an upper cavity and a lower cavity within said guitar body;

a first opening between said sidewall and a first end of said baffle; and

a second opening between said sidewall and a second end of said baffle, wherein said first opening and said second opening fluidly connect said upper cavity and said lower cavity.

2. The guitar baffle system of Claim 1, wherein said baffle is comprised of a flat structure.

3. The guitar baffle system of Claim 2, wherein said baffle is comprised of a straight structure.

4. The guitar baffle system of Claim 1, wherein said baffle is positioned centrally between said back wall and said soundboard.

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2       5. The guitar baffle system of Claim 1, wherein said baffle is attached to  
3 opposing interior surfaces of said sidewall.

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6       6. The guitar baffle system of Claim 1, wherein said second end of said baffle  
7 is straight.

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10       7. The guitar baffle system of Claim 6, wherein said second end is substantially  
11 transverse with respect to a longitudinal axis of said guitar body.

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15       8. The guitar baffle system of Claim 1, wherein said first end of said baffle has  
16 a center cutout corresponding to said sound hole.

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19       9. The guitar baffle system of Claim 8, wherein said first end of said baffle has  
20 two opposing slanted side portions.

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23       10. The guitar baffle system of Claim 1, wherein said second end of said baffle  
24 is positioned near an end of said guitar body opposite of said neck.

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27       11. A guitar baffle system, comprising:

28           a guitar body having an interior cavity, said guitar body comprising a  
soundboard having a sound hole, at least one sidewall attached to said soundboard, a

1 back wall attached to said sidewall opposite of said soundboard, and a neck extending  
2 from said guitar body;

3 a baffle having a flat and straight structure attached to said sidewall within said  
4 interior cavity substantially parallel to said soundboard, wherein said baffle is  
5 positioned centrally between said back wall and said soundboard and wherein said  
6 baffle separates an upper cavity and a lower cavity within said guitar body;

7 a first opening between said sidewall and a first end of said baffle;

8 a second opening between said sidewall and a second end of said baffle,  
9 wherein said first opening and said second opening fluidly connect said upper cavity  
10 and said lower cavity;

11 wherein said baffle is attached to opposing interior surfaces of said sidewall;

12 wherein said second end of said baffle is straight;

13 wherein said second end is substantially transverse with respect to a  
14 longitudinal axis of said guitar body;

15 wherein said first end of said baffle has a center cutout corresponding to said  
16 sound hole and wherein said first end of said baffle has two opposing slanted side  
17 portions; and

18 wherein said second end of said baffle is positioned near an end of said guitar  
19 body opposite of said neck.

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